

City of Canton Street Department



2015 Annual Report

Street Department

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STREET DEPARTMENT INFORMATION

Welcome to the Street Department of the City of Canton, Ohio. The Street Department works year-round to ensure that the streets of Canton are safe, repaired, and free from major obstructions.

The Street Department completes various types of street maintenance and repair year-round, including regular street-sweeping from March through November. During the winter months, the department is responsible for salting roads and clearing all major thoroughfares of snow and ice.

In addition to these street-related services, the department is also responsible for weeds and high grass on both public and private property. This includes general clean-up tasks and litter control throughout the city. From April through October, the department organizes major neighborhood clean-ups and general beautification projects. Lastly, the department is responsible for multiple setup and tear downs for city events such as, but not limited to: the Hall of Fame Parade, cutting down and setting up the Downtown Christmas Tree, and the numerous marathons within the city limits.

For more information about any of the mentioned duties, visit the website at www.cantonohio.gov/streets/ .



SUPERINTENDENT OF PUBLIC WORKS ANNUAL REPORT:

It has been an exciting time to witness the renaissance of the Street Department. During the 2015 year, the Street Department began readjusting its focus back towards doing street work (maintenance). Over the course of many years, the Street Department's focal point became centered on clean-up and beautification tasks. As you just read on page 3 the Street Department, from April to October, organizes major litter clean-ups and general beautification projects as well as being responsible for multiple city event set-ups.

Although clean ups and city events are important, they come with a price. While the Street Department was focusing on these duties as priorities for seven months out of the year, the city streets were quietly falling apart. These months are the prime months for doing street maintenance and repair due to higher temperatures and the availability of far more optimal building materials. However, the Street Department was busy doing cleanups.

All pavement needs to be viewed as having a life span. Just like your vehicle, when maintenance is performed you can typically extend the life span of that vehicle. Pavement is no different; if proper maintenance is performed you can lengthen the life of the pavement. Unfortunately, there was little to no maintenance being performed on the pavement of the city streets other than repaving.

As you read through the following pages please note the increase in the amount of road projects. There were five times more road projects completed in 2015 than in 2014. These road projects consisted of repair outside the normal maintenance and upkeep (such as street sweeping and pothole repair). These projects addressed road base, pavement patching as well as drainage. In addition, there was an increase in the hours spent on pavement maintenance. The maintenance consists of street sweeping, pothole patching, crack sealing, roadside mowing, vegetation control, etc...

Obviously, one would think having an increase in street work would mean that there was a decrease in clean ups and beautification projects. On the contrary, there was the same number of BAN (Beautify A Neighborhood) days and other city events such as Light Up Downtown and the Hall of Fame Parade. However, there was a decrease in the hours spent performing these events and projects. This was made possible by streamlining the projects and events to get the best bang for the amount of funding available. For example – Light Up Downtown is an annual event where Christmas lights are hung throughout downtown for the holiday season. In years past the lights were hung for six city blocks. This year the same amount of lights were used in decorating only two city blocks. This took less time and city resources and enhanced the illumination of those two city blocks four-fold.

Lastly, in 2015 the Street Department saw the retirement of both Will and Laura Greathouse. Will was an Operator Four and Laura was a General Foreman. Both served the City of Canton for 30 years. Thank you both for all of the years of dedication and hard work that you devoted towards the City.

I hope you enjoy the following overview of the City of Canton Street Department for 2015! I look forward to 2016.

Michael Rorar
Superintendent of Public Works, City of Canton

STREET DEPARTMENT PERSONNEL

A dedicated staff of thirty-six fulltime and eight summer seasonal personnel work to provide city residents and visitors with a safe and enjoyable experience as they travel throughout the City of Canton.

The Street Department is comprised of a skilled and dedicated team of employees. In 2015, Street Department personnel had multiple trainings:

- Seventeen employees were trained on being Non-Certified Pesticide Handlers
- Twenty-five employees were trained in Arrow Boards
- Eighteen employees were trained in Crack Sealing
- Eight employees were trained in Roadside Drainage
- Five employees were trained in Curb Machine Operations
- Four employees were trained in Tack Coat Best Practices
- Three employees were trained in Guardrail Installation
- Two employees were trained in Snow and Ice Control
- Two employees were trained in Ohio Utility Protection Services

Two employees bid out (one Store Keeper and one an Operator four). Two employees retired (one foreman and one Operator four). There was one new hire in the department for the year. It was a replacement hire for a Foreman's position.



Street Department Personnel Patching Potholes on 19th St NE

CITY OF CANTON STREET MAINTENANCE UPDATE

In 2015, the Street Department:

- Resolved over 11,940 residential requests (**In 2014 - there was 18,180 residential requests.**)
- During the winter of 2014-2015, Street Department Personnel used an estimated 13,259 tons of salt and spent approximately 7,850 hours controlling snow and ice on city roadways, while driving over 63,000 miles. (**In 2014 - there was an estimated 12,125 tons of salt used and 7,585 hours spent treating over 57,000 miles.**)
- Swept 1,353 lane miles of city streets and highways. Thus removing 3,154 tons of material from the roadway surface. Street sweeping is done to keep the city streets clean as well as keeping debris from entering the drainage system, lakes and streams. (**In 2014 - there was 1,339 lanes miles swept and 2,718 tons were removed.**)
- There was 717 hours spent on roadside mowing along the State Highway system throughout the city. (**In 2014 - there was 1,942 hours spent in roadside mowing.**)
- Treated over 70 miles of vegetation along guardrails with herbicide.
- Crack Sealed over fifty two miles of roads. This is being done to seal the cracks in the pavement to prevent water from penetrating the road base. This helps reduce the negative impact (potholes) from the freeze and thaw process. (**In 2014 - there was thirty-eight miles crack sealed.**)
- Three brick streets had repair work done to them. They include 10th NE, Tuscarawas/ Fulton Rd Intersection and Court Ave NW. As well as the brick pavement restoration of Lawn Ave NW.



Street Department Personnel Repair Lawn Ave NW

CITY OF CANTON STREET MAINTENANCE UPDATE (continued):

In 2015, the Street Department:

- Used over 6,371 tons of asphalt in repairing the city streets. This involved the following tasks (**In 2014 - 3,800 tons of asphalt was used**):
 - Numerous potholes were filled at over 2,035 separate locations. (**In 2014 - there were 2,800 separate locations**).
 - Eighteen Mill and Fill Repairs occurred throughout the city. Mill and Fill occurs where the asphalt has failed completely or where the potholes are too numerous over a stretch of road. The Street Department will mill out two or more inches of existing asphalt (or more) and then re-pave the portion that was milled. (**In 2014 - Nine mill and fills were performed**.)
 - Fifteen dig out repairs occurred repairing the base to areas of street pavement. The dig outs occur where there is mud and sediment that is pumping upward through the pavement. (**In 2014 - Seven dig outs were performed**.)
 - Seven overlays of over 9000 linear feet of lane distance was completed. Overlays are performed to reclaim the crown of the pavement and where the asphalt has deteriorated. (**In 2014 - Zero overlays were performed**.)

Drainage system correction:

- Corrected over 4,498 linear feet of roadside ditching. (**In 2014 - 1,000 linear feet of ditching was performed**.)
- Corrected over 5,181 linear feet of roadside berm. Roadside berms occur along unimproved streets (no curb or gutter). They are deemed necessary to protect the road edge and prevent deterioration. Maintaining berms is important so storm water will runoff the pavement instead of ponding and freezing along the pavement. (**In 2014 - Zero berming was performed**.)
- Over 382 lineal feet of asphalt curbing was installed to help residents alleviate drainage concerns.

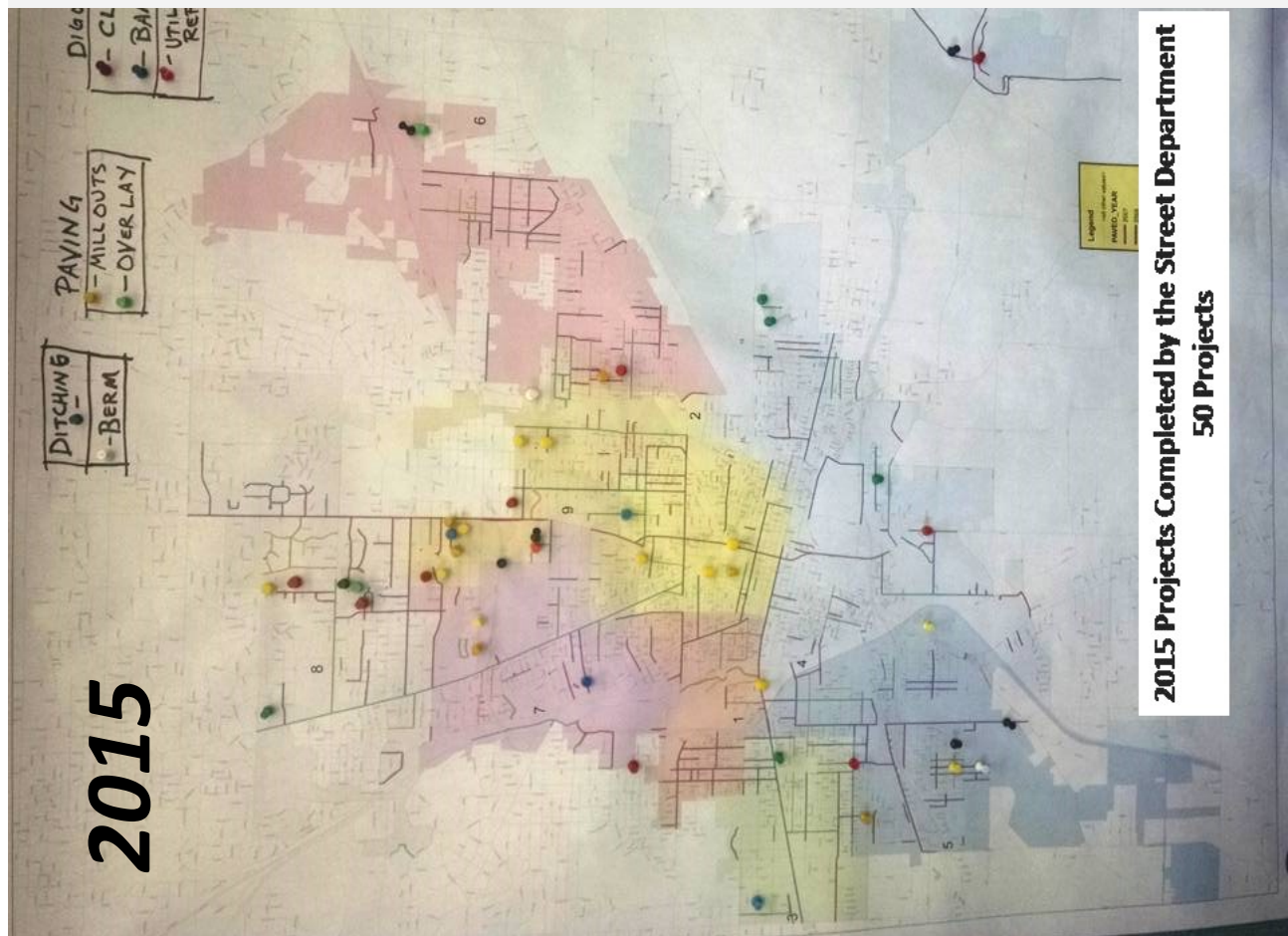
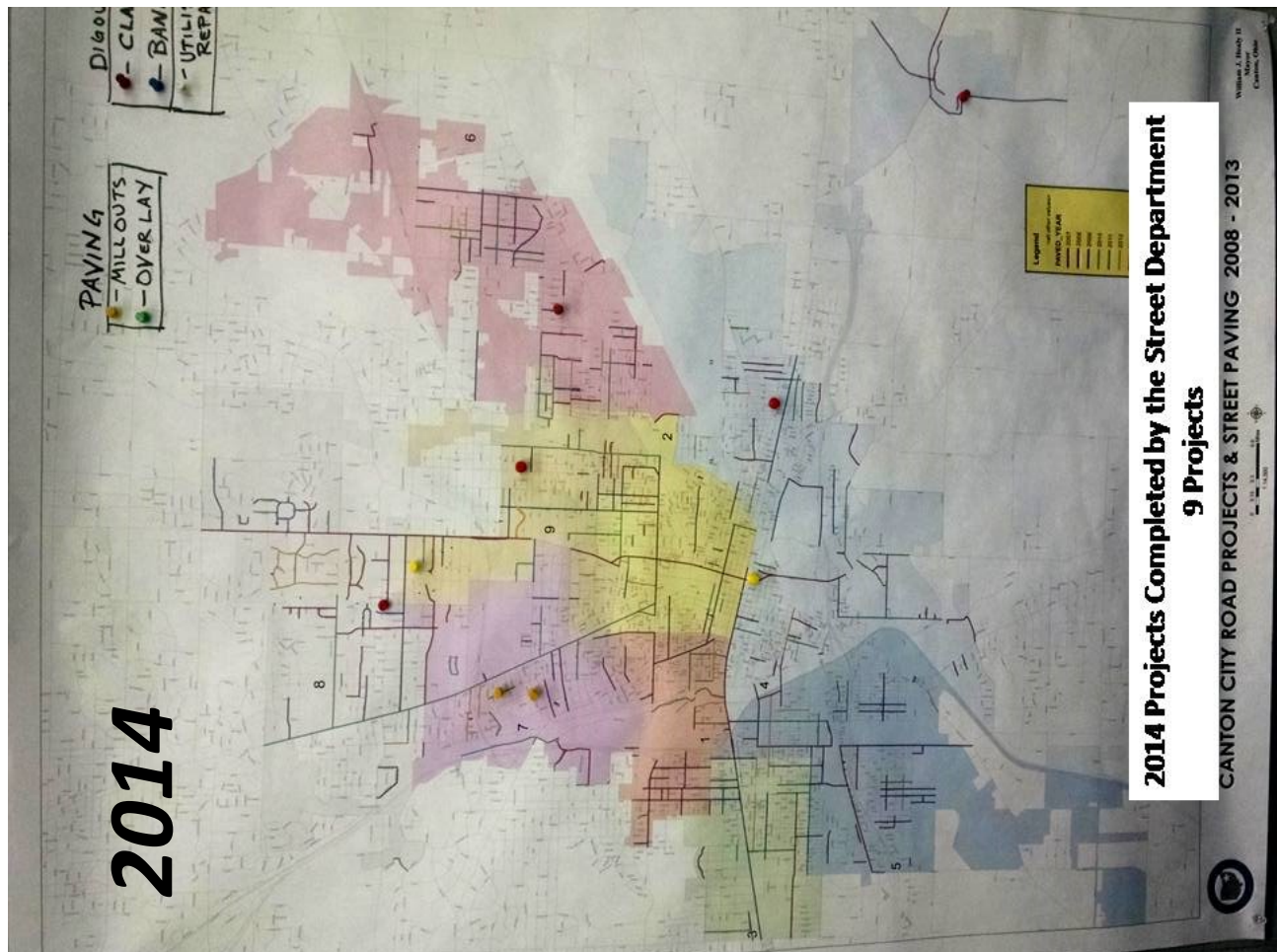
The following subcontracted work was done on Canton City Roads:

- An additional 1,102 tons of Asphalt was used to patch potholes. (**In 2014 - 609.76 tons were used by contractors**.)



CITY OF CANTON STREET MAINTENANCE MAP

Each Push Pin Represents a Road Project



CITY OF CANTON PUBLIC WORKS UPDATE

In 2015, the Street Department:

- Recorded 2,890 hours in the upkeep of Downtown. Both full-time and seasonal personnel are used, however the Street Department has one full-time employee who is dedicated to the upkeep of Downtown known as the Downtown Specialist (**In 2014 - there were 3,209 hours recorded for upkeep of Downtown**).
- There was 1,430 hours spent setting up for the Hall of Fame Parade. This includes bleacher set up and tear down, setting up barricades, additional mowing and sweeping along the parade route (**In 2014 - there were 2,503.75 hours recorded for the Hall of Fame**).
- Spent over 700 hours assisting neighborhood associations in eight scheduled Beautify a Neighborhood (BAN) days events. There were over 100 residents who volunteered their time during the BAN days (**In 2014 - there were 2,000 hours recorded for BAN Cleanups**).
- There were zero abandoned lot cleanups performed throughout the city by the Street Department (**In 2014 - there were 52 Lot Cleanups performed**).
- Spent 252.5 man hours on Light Up Downtown, stringing the trees with lights, installing pole wraps, cutting down, setting up and decorating the Christmas Tree and cleaning up after the Holidays (**In 2014 - there were 658 hours recorded for Light Up Downtown**).
- Spent 144 hours setting out barricades and working five marathons (**In 2014 - there were 446 hours recorded for barricades**).
- Spent 3,459 hours mowing the city owned, ODOT owned, and railroad owned lots. There are 662 lots total (**In 2014 - there were 4,655 hours recorded for mowing**).

The following sub-contracted work was done throughout the City of Canton:

- 4,843 mows were done on 2,130 non-city owned lots using subcontractors. This was the second year the city contracted out the mowing. The intent was to free up the Street Department personnel to focus more on street work. (**In 2014 - there were 5,491 mows performed on 2,416 non city owned lots**).



Administrative Assistants mailing over 3,000
Mowing Letters to Property Owners

2016 Goals and Objectives

- Continue to address resident requests both efficiently and in a timely manner.
- Continue to maintain the city streets to the best of our abilities.
- Continue to operate in such a way that strives to be fiscally responsible.
- Continue to evaluate and replace/upgrade existing vehicles and equipment as needed.
- Create a Vehicle Maintenance Program—including constructing a vehicle wash bay system.
- Create and train a brick maintenance crew to work on and repair the brick streets of Canton.
- Installation of a satellite salt dome to help service the northwest.
- Create a Snow and Ice Standard to be implemented by Street Department Personnel.